MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1934

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

NOVEMBER 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.3	61.3	62.1	61.9	24.4	18 8	23.1	23.8	22.6	23.2
2	2.9	2.0	2.9	2.6	24.9	18.3	22.6	24.3	21.7	22.9
3	4.1	3.3	3.8	3.7	25.7	19.0	22.8	24.3	22.3	23.1
4	3.8	2.5	2.4	2.9	25.4	18.6	22.8	23.8	22.7	23.1
5	2.2	1.0	0.9	1.4	25.7	19.3	23.3	24.8	23.8	24.0
6	59.7	57.8	57.7	58.1	25.9	19.9	23.9	24.4	22.5	23.6
7	8.3	7.8	9.0	8.4	25.6	19.4	23.3	25.1	21.1	23.2
8	61.7	61.5	62.4	61.9	24.5	18.9	22.7	24.0	22.7	23.1
9	3.4	2.7	2.8	3.0	24.4	18.6	22.7	23.4	22.1	22.7
10	2.7	1.3	1.0	1.7	23.9	17.9	22 3	23.1	20.6	22.0
11	60.4	59.6	60.0	60.0	24.6	19.3	21.7	24.1	18.3	21.4
12	1.4	61.3	2.9	1.9	22.0	16.8	20.9	21.7	19.3	20.6
13	4.3	4.6	2.3	3.7	22.2	16.8	20.3	21.9	18.6	20.3
14	8.9	8.6	8.6	8.7	23.2	17.2	21.2	21.6	21.4	21.4
15	8.6	6.2	6.0	6.6	23 2	18.2	21.2	22.3	20.8	21.4
16	65.9	64.6	64.4	65.0	24.3	18.3	22.7	23.3	20.7	22.2
17	4.7	3.5	4.2	4.1	23.9	18.2	22.6	23.2	19.1	21.6
18	4.9	4.0	4.0	4.3	23.3	17.7	21.2	22.7	18.3	20.7
19	4.7	3.8	4.1	4.2	23.7	18.3	21.0	22.9	18.3	20.7
20	4.9	3.6	4.2	4.2	22.8	16.2	21.0	21.7	19 5	20.7
21	64.7	63.8	64.6	64.0	22.9	17.4	20.8	21.1	19.5	20.5
22	3.6	2.0	1.6	2.4	23.3	16.3	20.3	21.9	19.2	20.5
23	0.9	0.9	1.3	1.0	24.2	18.3	21.7	22.5	20.7	21.6
24	2.8	2.4	3.3	2.8	22.7	18.1	20.6	21.2	18.9	20.2
25	3.8	2.8	3.2	3.3	22.7	16.8	21.1	21.1	18.6	20.3
26	62.6	62.1	62.7	62.5	21.3	17.3	18.8	21.1	17.6	19.2
27	3.2	2.6	1.8	2.5	21.1	16.4	19.5	20.6	19.3	19.8
28	0.9	0.3	1.9	1.0	21.7	17.1	19.6	21.0	17.9	19.5
29	4.5	3.9	5.1	4.5	18.2	15.6	16.6	16.3	15.7	16.3
30	5.9	5.1	5.9	5.6	19.6	13.4	16.5	19.2	16.4	17.4
	763.42	762.56	762.87	762.93	23.34	17.75	21.29	22.42	20.00	21.24

Barometer, range for month 757.7 mm. –768.9 mm.

,, 50-yr. average for month 762.865 mm.

Thermometer, Range for month 18°.2—25.°9 C.

,, 50-yr. average for month 19.°68 C.

Rain, total for month 19.03 mm.

,, , 50-yr average for month 135.13 mm

,, , total, Sept. 1st to end of month 33.25 mm.

,, , 50-yr. average, Sept 1st to end of month 195.08 mm.

NOVEMBER 1934
METEOROLOGICAL REGISTER

Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
18.2	19.4	19.4	12.4	13.7	14.4	13.5	59	62	72	64	6.3	
18.9	20.3	18.7	13.7	14.8	13.8	14.1	67	66	71	68	9.0	
17.8	20.4	17.9	12.0	15.0	12.4	13.1	58	67	61	62	4.5	
18.2	19.7	18.7	12.6	14.1	13.3	13.3	61	64	66	64	10.1	
18.8	20.5	19.8	13.2	14.9	14.4	14.2	62	64	66	64	10.0	
20.4	21.2	20.1	15.3	16.3	15.6	15.7	70	72	77	73	9.8	
19.1	19.8	18.4	13.5	13.7	13.9	13.7	63	57	74	65	7.8	
18.8	19.7	18.6	13.5	14.1	13.2	13.6	66	63	65	65	9.0	
19.4	19.6	18.7	14.4	14.2	13.8	14.1	71	67	69	69	6.3	
19.1	20.1	17.6	14.1	15.2	12.9	14.1	71	73	72	72	5.7	
17.8	20.9	17.7	12.5	16.0	14.7	14.4	65	71	94	77	0.0	12.70
17.6	19.5	17.7	12.7	15.2	13.9	13.9	70	79	83	77	3.2	2.28
16.7	17.6	16.0	11.8	12.2	11.9	12.0	66	62	75	68	6.0	1.78
16.7	19.6	16.8	11.4	11.0	11.3	11.2	61	57	59	59	2.3	
17.1	19.0	18.7	11.8	14.0	14.5	13.4	63	69	80	71	7.0	
17.3	19.6	17.0	11.4	14.2	12.0	12.5	55	67	65	63	5.1	
16.8	18.3	15.5	10.8	12.5	10.8	11.4	53	60	66	60	9.7	
15.8	18.4	14.4	10.2	12.9	9.9	11.0	55	63	63	60	9.7	
13.8	17.8	13.5	8.1	11.9	8.9	9.6	44	57	56	52	7.8	
14.6	15.9	15.5	8.9	10.2	10.7	9.9	49	52	64	55	6.9	
14.2	16.6	12.8	8.6	11.2	7.7	9.2	47	60	46	51	1.3	
14.8	16.8	14.8	9.5	11.1	9.9	10.2	54	56	60	57	0.0	
17.2	19.1	17.6	11.8	14.1	12.8	12.9	61	69	69	66	1.0	
17.8	17.7	15.7	13.1	12.8	11.1	12.3	73	69	69	70	0.0	1.77
17.1	18.2	17.1	11.9	13.5	13.5	13.0	64	73	84	74	1.7	
15.5	17.6	14.3	11.0	12.8	10.1	11.3	69	69	68	69	6.3	
15.3	17.3	16.8	10.5	12.5	12.4	11.8	62	69	75	69	5.4	
15.5	16.7	14.7	10.6	11.5	10.5	10.9	63	62	69	65	3.8	0.50
11.9	11.5	12.0	8.0	7.5	8.4	8.0	56	53	63	57	5.7	
12.3	14.6	12.1	8.3	9.6	8.1	8.7	60	59	59	59	8.3	
16.82	18.45	16.62	11.59	13.09	12.03	12.23	61.3	64.4	68.6	64.8	5.62	0.63

ight of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
y and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
n of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
ne of readings minus 2 hours equals G. C. T.
year averages are for period, 1875-1924

NOVEMBER 1934

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	1cu	3cu	1.7	0	1sw	1sw	91.7	light	
2	1cu	1cu	1cu	1.0	1sw	1sw	0	104.6	„	
3	2st	8ci	6ci	5.3	0	1nw	0	72.4	slight	Thin mist in a.m
4	0	0	0	0.0	0	0	1n	74.0	„	„ „ „
5	0	0	0	0.0	1sw	0	1sw	32.2	mod.	„ „ „
6	0	1cu	0	0.3	1nw	0	1nw	32.2	„	„ „ „
7	0	1cu	1cu	0.7	0	1nw	0	56.3	slight	
8	1cu	1cu	1cu	1.0	1w	1w	1w	74.0	„	
9	1cu	1cu	3cu	1.7	1ne	1nw	0	112.6	light	Mist in a.m.
10	1cu	2ci	5stcu	2.7	1ne	0	0	131.9	calm	
11	10cu	10ni	10ni	10.0	1sw	2sw	3sw	101.4	slight	
12	4cu	8stcu	6cu	6.0	1sw	2sw	1sw	246.2	mod.	Light thunderstorm
13	6cu	2cu	5cu	4.3	0	1sw	1se	112.6	slight	
14	10st	10stci	5st	8.3	1ne	2e	1e	114.3	„	
15	2stci	1cu	0	1.0	1e	1e	0	112.6	mod.	
16	1st	8ci	4ci	4.3	1ne	1ne	0	80.6	„	
17	2ci	0	0	0.7	0	0	0	54.7	slight	
18	3stcu	1stcu	0	1.3	0	0	0	74.0	calm	
19	2stcu	2stcu	2alst	2.0	0	1w	0	59.5	light	
20	2st	7stci	8ci	5.7	0	1n	1n	101.4	„	
21	8alst	10alst	10alst	9.3	0	1ne	0	103.0	„	
22	10alst	10st	10st	10.0	0	1ne	1n	117.5	„	
23	10stci	9stcu	9cu	9.3	2sw	3w	3w	201.1	slight	
24	9ni	9ni	8ni	8.7	4sw	2w	3w	212.4	„	
25	8stci	10stcu	9cu	9.0	2sw	2sw	2sw	259.1	mod.	
26	3cu	2cu	7ci	4.0	1nw	2nw	1nw	119.1	slight	
27	8ci	8cu	8cu	8.0	0	1sw	0	66.0	light	
28	5st	4cu	10cu	6.3	1sw	1n	4n	111.0	slight	
29	1cu	7cu	1cu	3.0	5n	4n	1n	439.3	stormy	
30	8cu	0	0	2.7	1nw	1nw	0	127.1	light	
				4.28	0.9	1.1	0.9	119.82		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	4	1	0	0	8	1	3	12
14:30	3	3	2	0	0	7	4	5	6
20:30	5	0	1	1	0	5	3	2	13
Totals	9	7	4	1	0	20	8	10	31

Number of days with rain 5, fog 0, thunderstorms 1, gales 0.

50-yr. average number of days with rain during month 9.8